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FY-67 Quarterly Report No. 4

PAR 243A

31 May 67

SUBJECT: BPE (Prototype)

## TASK/PROBLEM

1. Design, fabricate, and test a prototype briefing print enlarger (BPE) based upon tests and observations of the breadboard equipment developed on the combined PAR 202/224.

## DISCUSSION

2. Mechanical and electrical assembly of the prototype BPE was completed. The instrument was moved on 31 Mar 67 into the area reserved for engineering and QC tests.

3. Engineering tests of electrical, mechanical, and optical functioning have been in progress during the remainder of the quarter.

4. It has been necessary to correct several fabrication and design errors. The need for several design improvements was recognized, changes have been made in the prototype instrument, and the drawings were modified to agree with the instrument.

5. The major part of the work of preparation of a preliminary operational and maintenance manual has been completed.

6. A second revision of the Tentative Specification 469-333, dated 15 Mar 67, was delivered during the quarter.

7. Two conferences were held in the contractor's plant with the customer's technical liaison representatives during this quarter for the discussion of progress on this project and on the progress of the manufacture of seven additional enlargers on another contract.

## PLANNED ACTIVITY

8. Engineering tests and QC tests of the enlarger will be completed in the first month of next quarter. The prototype enlarger will be delivered to and installed in the customer's plant during the early part of the quarter.

9. Complete preparation of the operation and maintenance manual. Deliver ten copies with the prototype enlarger.

10. Deliver one fly-away spare parts kit for the prototype enlarger.

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Next 10 Page(s) In Document Exempt

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